

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

10/31/11

Sheila Lawn Assistant District Attorney, Suffolk County

Dear Ms. Lawn,

Enclosed is the information you requested in regards to Commonwealth vs. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Control Cards with analytical results for sample #'s
- 3. Analysis sheets with chemist's hand notations and test results.
- 4. GC/Mass Spectral analytical data for sample #'s

GC/MS testing was performed by Nicole Medina. All other analyses were performed by Kate Corbett. If you have any questions about these materials, please call me at the number below.

Sincerely

Kate Corbett Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

cc: NEM



CC #			
BOOK #			-
PAGE #_		Manhalaha Assassanan assassanan ang pakaba	
DESTRU	CTION #	,	

DRUG RECEIPT		GE #_ STRUCTION #		
District/Unit DY DX51F				
Name & Rank of Arresting Officer		****	ID#_9)31	3/ 36209
DEFENDANT'S NAME	ADI	DRESS	CITY	STATE
DESCRIPTION OF ITEMS SUBMITTED)	GROSS QUANTITY	GROSS WEIGHT	SE ONLY ANALYSIS NUMBER
awed hat) allowed A	(K12)	19/8	4.39gr	
B' Suboxone Cornnie	Pru)	119 GONDA 1	4.01 p	
, , , , , , , , , , , , , , , , , , ,	,			
			escreption of which distribution were entropy of the social decreases a	
To be completed by ECU personnel only ද		1		
Name and Rank of Submitting Officer	piy 4 hi	4	Date 10# 11	064
Received by			Date	
PD Form 0038-BIS-0907 (prev. 1753)				200.0

No. Date Analyzed: City: Boston D.C.U. Police Dept. 09-22-1 Officer: P.O. SYBIL WHITE Def: Amount: Subst: SUB No. Cont: Cont: pb Date Rec'd: 08/05/2011 No. Analyzed: Gross Wt.: 4.39 Net Weight: 0 200

1

Findings: Hesoin

Date Analyzed:

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def:

Amount: No. Cont.

1.0 1

Cont: pb

Date Rec'd: 08/05/2011

Gross Wt.:

4.01

No. Analyzed:

Net Weight: C

Prelim: BUNEMOND WHINDINGS: Buprenorthine

Corbett_email_PRR_006845

DRUG POWDER ANALYSIS FORM

No. of samples tested:	ANALYST KAC Evidence Wt.
PHYSICAL DESCRIPTION: I ph containing to product	Gross Wt (): 0.34359 Gross Wt ():
ph inside Cello	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate () + DUC Marquis + DUYDUC Froehde's + DUYDUC Mecke's + GYCEN	Gold Chloride TLTA () OTHER TESTS
PRELIMINARY TEST RESULTS RESULTS 1411 DATE 1411	GC/MS CONFIRMATORY TEST RESULTS HUNDIN MS OPERATOR NOM DATE 9 22 11

Revised 7/2005

DRUG POWDER ANALYSIS FORM

No. of samples tested:	STOM ANALYST KAC Evidence Wt. OK
physical description: 2 pieces of a broke orange fablet	Gross Wt (): Pkg. Wt: Net Wt: O. J. S. Collo
PRELIMINARY TESTS Spot Tests Cobalt Thiocyanate () + hue-green Marquis Froehde's + purple Mecke's	Microcrystalline Tests Gold Chloride TLTA () OTHER TESTS G-C-O-GY Byrenophin Sympared to Byrenophine S
PRELIMINARY TEST RESULTS RESULTS POLICY MAN CONTROL OF THE POLICY MAN	RESULTS PUPPLANDUME MS OPERATOR NEW DATE 7 22 11

Revised 7/2005

Data File C:\CHEM32\1\DATA\SIG1000002.D

Sample Name: BUPRENORPHINE STD

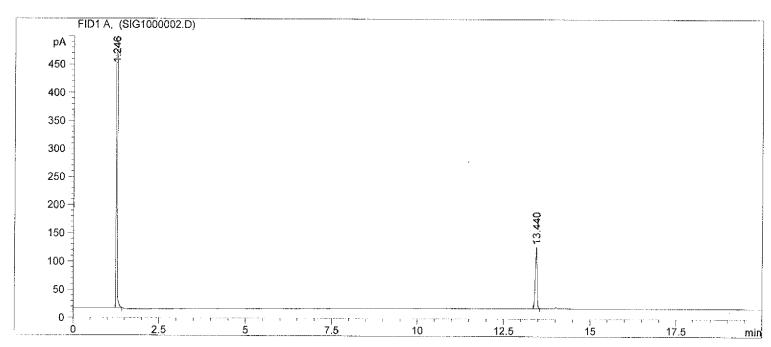
Acq. Operator : ASD Seq. Line : 2
Acq. Instrument : Drug Lab GC#3 Location : Vial 2
Injection Date : 9/15/2011 8:27:03 AM Inj : 1

Inj Vol**ume** : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000

Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak	RetTime	Sig	Туре	Area	Height	Area
#	[min]			[pA*s]	[pA]	ç
1	1.246	1	BB S	8.41884e4	8.10632e4	99.53588
2	13.440	1	BB	392.56006	107.70788	0.46412

Totals: 8.45809e4 8.11709e4

*** End of Report ***

Data File C:\CHEM32\1\DATA\SIG1000005.D

Sample Name: Blank

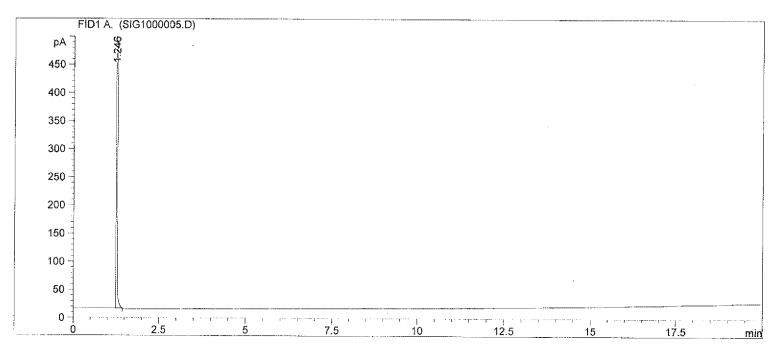
Acq. Operator : ASD Seq. Line : 5
Acq. Instrument : Drug Lab GC#3 Location : Vial 5
Injection Date : 9/15/2011 9:40:03 AM Inj : 1

Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Totals: 7.77117e4 8.25105e4

*** End of Report ***

Sample Name: |

Acq. Operator : ASD

Acq. Instrument : Drug Lab GC#3

Seq. Line: 6 Location : Vial 6

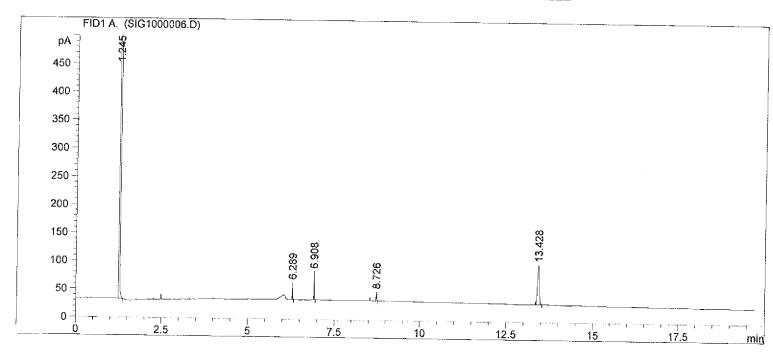
Injection Date : 9/15/2011 10:04:22 AM

Inj : Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHOD\$\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By Retention Time Multiplier: : 1.0000 Dilution: 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

#	RetTime [min]			Area [pA*s]	Height [pA]	Area 🦠
1	1.245	1	BB S	8.10187e4	7.77154e4	99.58599
2	6.289	1.	BB	24.56930	30.69967	0.03020
3	6.908	1	BB	40.49729	50.24115	0.04978
4	8.726	1	BB	18.45243	15.67116	0.02268
5	13,428	1	BB	253.30182	70.55910	0.31135

Totals :

8.13555e4 7.78825e4

*** End of Report ***

10127111 10127111

Information from Data File:

File Name : K:\09_20_11\801623.D

Operator : NEM

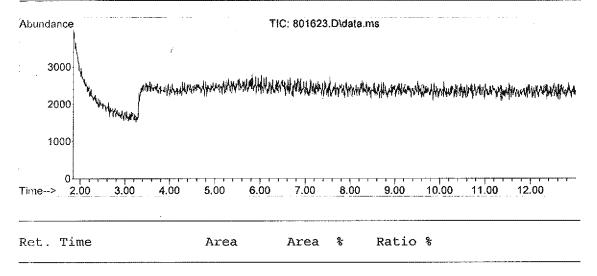
Date Acquired : 20 Sep 2011 15:23

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801624.D

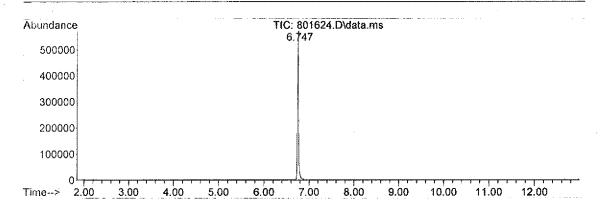
Operator : NEM

Date Acquired : 20 Sep 2011 15:40

Sample Name : HEROIN STD

Submitted by

Vial Number : 24 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.747	916221	100.00	100,00

File Name : K:\09_20_11\801624.D

Operator : NEM

Date Acquired : 20 Sep 2011 15:40

: HEROIN STD Sample Name

Submitted by Vial Number 24 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

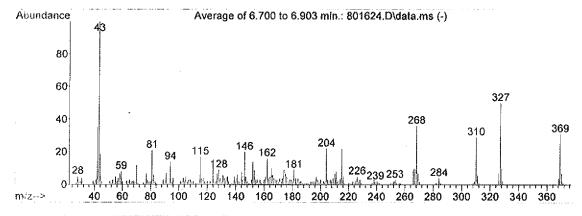
C:\Database\PMW TOX2.L

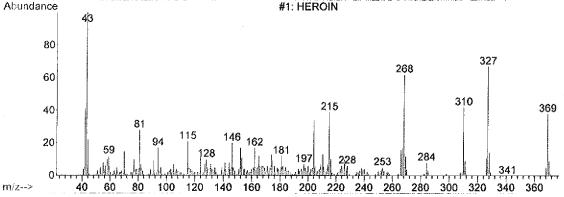
PK# RTLibrary/ID CAS# Qual

6.75 C:\Database\SLI.L 1

HEROIN 000561-27-3

99



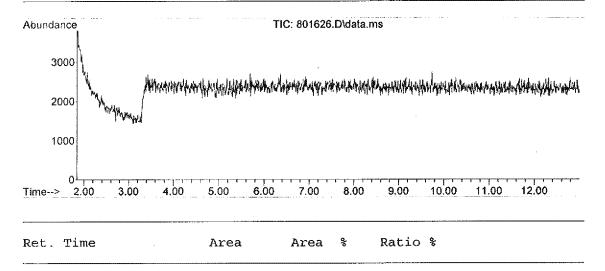


File Name : K:\09_20_11\801626.D

Operator : NEM

Date Acquired : 21 Sep 2011 7:07

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



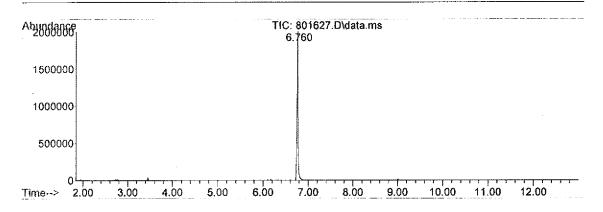
NO INTEGRATED PEAKS

File Name : K:\09_20_11\801627.D

Operator : NEM : 21 Sep 2011 7:23

Date Acquired Sample Name Submitted by

KAC Vial Number 27 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.760	3327313	100.00	100.00

File Name : K:\09_20_11\801627.D

Operator : NEM

Date Acquired 7:23 21 Sep 2011

Sample Name Submitted by KAC Vial Number 27 AcquisitionMeth: DRUGS.M Integrator : RTE

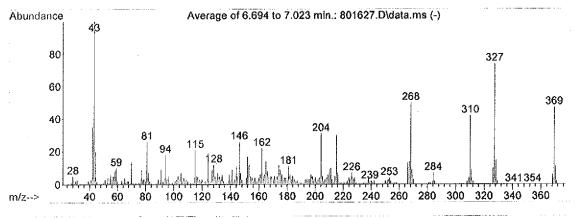
Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

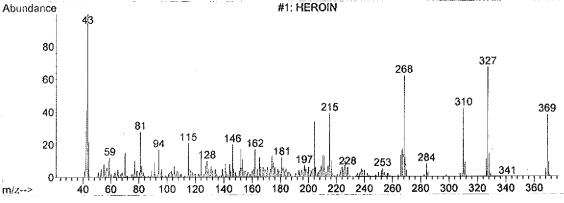
C:\Database\NIST08.L

C:\Database\PMW TOX2.L

CAS# Qual PK# RTLibrary/ID

6.76 C:\Database\SLI.L 1 000561-27-3 99 HEROIN





File Name : K:\09_20_11\801631.D

Operator : NEM

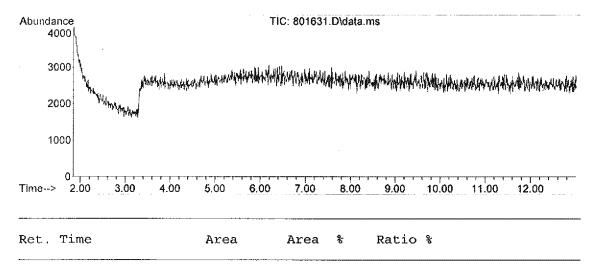
Date Acquired : 21 Sep 2011 8:22

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name

: K:\09_20_11\801632.D

Operator

: NEM

Date Acquired

: 21 Sep 2011

Sample Name

: HEROIN STD

Submitted by

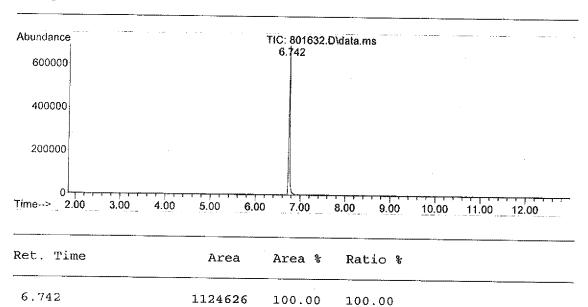
Vial Number

24

AcquisitionMeth: DRUGS.M

Integrator

: RTE



8:38

File Name : K:\09_20_11\801632.D

Operator : NEM

Date Acquired : 21 Sep 2011

Sample Name

8:38

: HEROIN STD

Submitted by Vial Number

AcquisitionMeth: DRUGS.M

Integrator

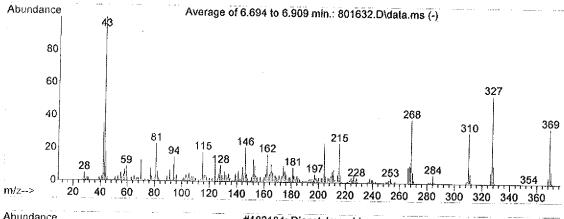
: RTE

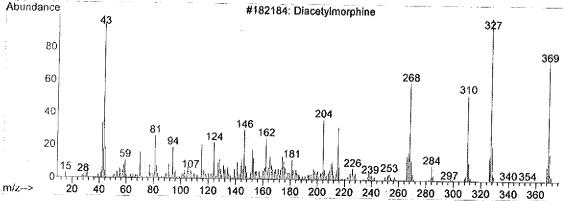
Search Libraries: C:\Database\SLI.L

C:\Database\NIST08.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	6.74	C:\Database\NIST08.L Diacetylmorphine Diacetylmorphine 6-Monoacetylmorphine	000561-27-3 000561-27-3 002784-73-8	99 99





Information from Data File: File dame : $K: \setminus 09_20_1$: K:\09_20_11\801634.D

Operator : NEM

Date aquired : 21 Sep 2011 9:10

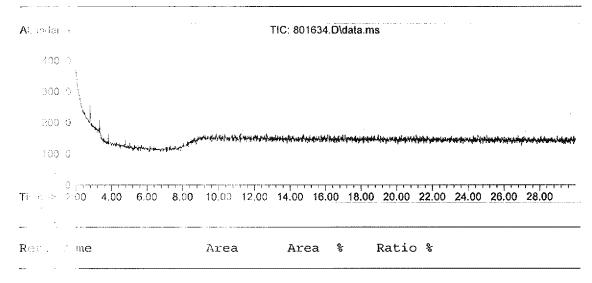
Sampl: Name : BLANK

Submi . Led by

Vial number

AcquistionMeth: WSCREEN.M

Integrator : RTE



* * * NO NTEGRATED PEAKS***

Infortation from Data File: File : me : K:\09_20_11\801635.D Operator : NEM

Date equired : 21 Sep 2011 9:43

Sample Name : BUPRENORPHINE STD

Submitted by Submitted by Vial Amber : 35 AcquistionMeth: WSCREEN.M Integrator : RTE TIC: 801635.D\data.ms Abanda .d 17.659 100000-11 5000000 The service of the se Re^{ab} , me Ratio % Area Area % 100.00 100.00 **1**7.65 ± 7054212

```
Information from Data File:
                  : K:\09_20_11\801635.D
\mathbf{F}:\exists\;\alpha\quad\text{i-me}
One sail in
                  : NEM
Date oquired
                     21 Sep 2011
                                      9:43
                  : BUPRENORPHINE STD
Sampl: Name
Submitted by
Vial Ember
                      35
AcquisitionMeth: WSCREEN.M
Integrator
                   : RTE
                                                              Minimum Quality: 80
                       C:\Database\SLI.L
Scarc Libraries:
                       C:\Database\NIST08.L
                                                              Minimum Quality: 80
                       C:\Database\PMW_TOX2.L
                                                                   CAS#
                                                                                 Qua1
  PKI
          RT
                    Library/ID
                  C:\Database\NIST08.L
         17.66
                    6,14-Ethenomorphinan-7-methanol, 17.052485-79-7
                                                                                  99
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                  99
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                  95
                          Average of 17.455 to 17.922 min.: 801635.D\data.ms (-)
Ab adai v
                                                                   378
                                                                        410
                                                                            434
                  84 101
      29
                    123 <sub>141</sub> 161 181197 216 239256 281 30
                                                                               450467
                                                      306
          40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
milion
        †209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-
             55
                                                                        410
        83 101
123 141 165181198 216 239256 280296312 336 1
                                                                               450467
          40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
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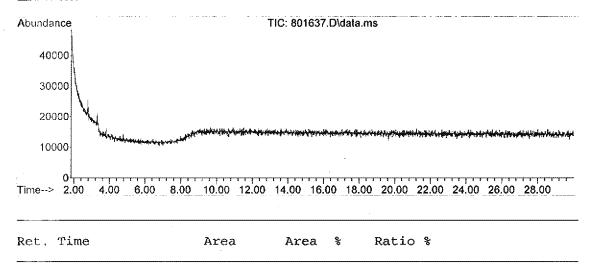
Operator : NEM

Date Acquired : 21 Sep 2011 10:49

Sample Name : BLANK Submitted by : KAC Vial Number : 1

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801638.D

KAC

38

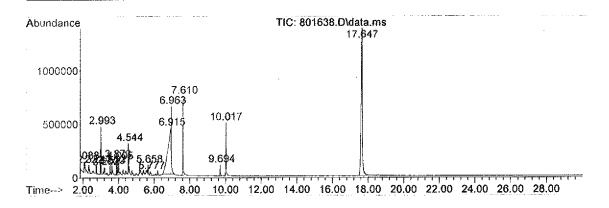
Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by : Vial Number :

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.088	383645	2.14	5.57	
2,322	277956	1.55	4.03	
2.747	131827	0.74	1.91	
2.993	646917	3.62	9.39	
3,202	134327	0.75	1.95	
3.520	161251	0.90	2.34	
3.621	183167	1.02	2.66	
3.873	136278	0.76	1.98	
3.927	181306	1.01	2.63	
4.005	188355	1.05	2.73	
4.544	350546	1.96	5.09	
5.658	138518	0.77	2.01	
5777	124799	0.70	1.81	
6.915	5139044	28.72	74.59	
6.963	871766	4.87	12.65	
7.610	886737	4.96	12.87	
9.694	170366	0.95	2,47	
10.017	894915	5.00	12.99	
17.647	6890006	38.51	100.00	

File Name : K:\09_20_11\801638.D

: NEM Operator

Date Acquired 21 Sep 2011 <u>1</u>1:22

Sample Name Submitted by KAC

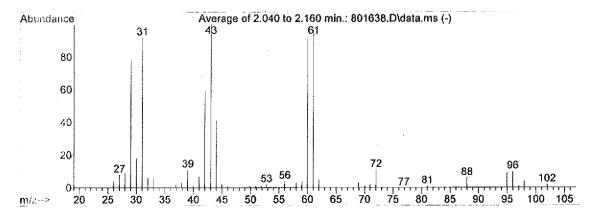
Vial Number AcquisitionMeth: WSCREEN.M

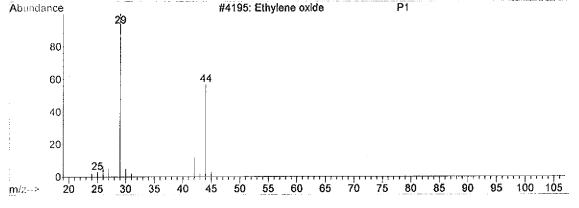
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

Ι	PK#	RT	Library/ID	CAS#	Qual
	1	2.09	C:\Database\PMW_TOX2.L Ethylene oxide Acetic acid Disulfiram	000075-21-8 000064-19-7 000097-77-8	9 4 2





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by : KAC Vial Number : 38

AcquisitionMeth: WSCREEN.M

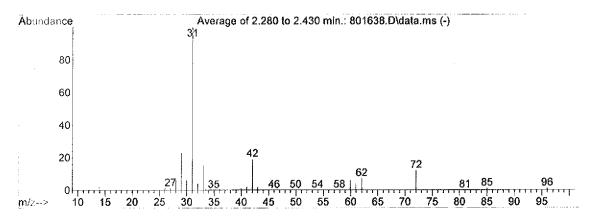
Integrator : RTE

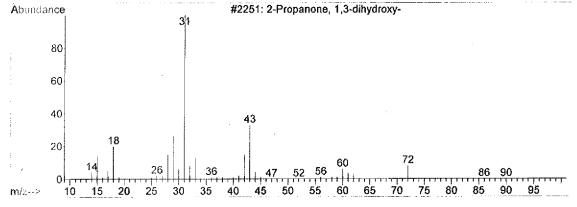
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.32	C:\Database\NIST08.L 2-Propanone, 1,3-dihydroxy- 1,2-Ethanediol 1,3-Dihydroxyacetone dimer	000096-26-4 000107-21-1 062147-49-3	83 40 38





Minimum Quality: 80

: K:\09_20_11\801638.D File Name

: NEM Operator

Date Acquired : 21 Sep 2011 11:22

Sample Name

Submitted by KAC Vial Number 38

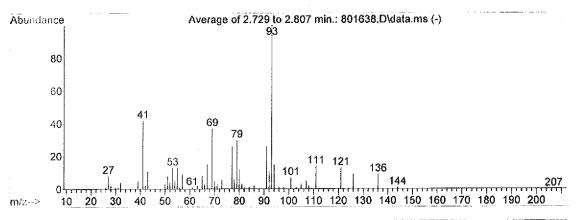
AcquisitionMeth: WSCREEN.M

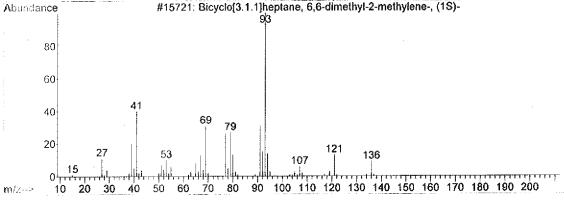
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID		CAS#	Qual
3	2.75	C:\Database\NIST08.L Bicyclo[3.1.1]heptane, .betaPinene	6,6-dimethyl	018172-67-3 000127-91-3 000127-91-3	95 93 93





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by :

KAC

Vial Number : 38 AcquisitionMeth: WSCREEN.M

Integrator : RTE

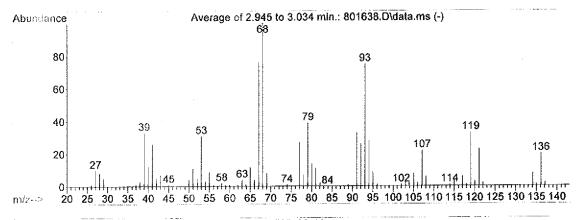
Search Libraries: C:\Database\SLI.L

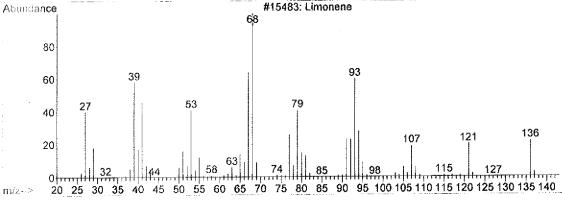
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

₽K#	RT	Library/ID	CAS#	Qual
4	2.99	C:\Database\NIST08.L Limonene D-Limonene D-Limonene	000138-86-3 005989-27-5 005989-27-5	94 93 93





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name :■

5

Submitted by : KAC Vial Number : 38

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

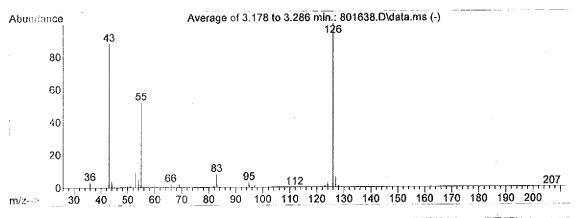
PK# RT Library/ID CAS# Qual

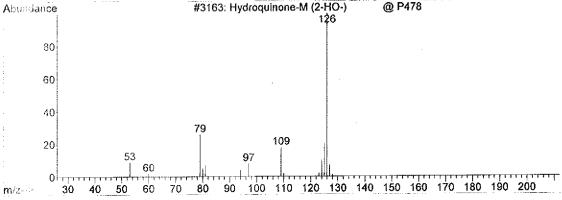
3.20 C:\Database\PMW_TOX2.L

Hydroquinone-M (2-HO-) @ 000533-73-3 4

Perhexiline-M (HO-) 2AC 000000-00-0 4

Prolintane-M (HO-phenyl-) 000000-00-0 2





Minimum Quality: 80

Minimum Quality: 80

File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name

Submitted by : AAC Vial Number : 38

AcquisitionMeth: WSCREEN.M

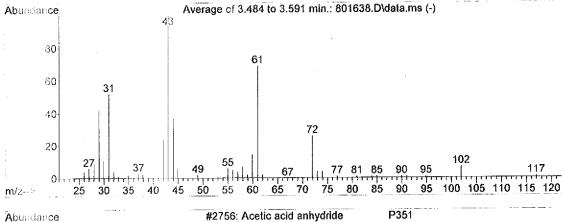
Integrator : RTE

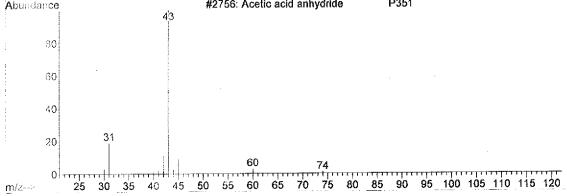
Search Libraries: C:\Database\SLI.L

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	3.52	C:\Database\PMW_TOX2.L Acetic acid anhydride	000108-24-7	9
		Monolinuron	001746-81-2	2
		Ethylacetate	@ 000141-78-6	2





Minimum Quality: 80

Minimum Quality: 80

801638.D

File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name :
Submitted by : KAC
Vial Number : 38

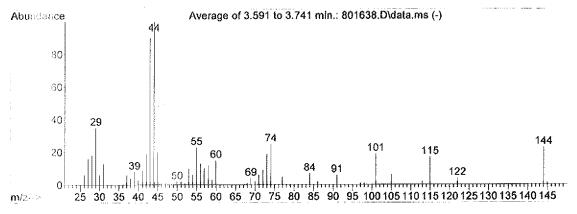
AcquisitionMeth: WSCREEN.M

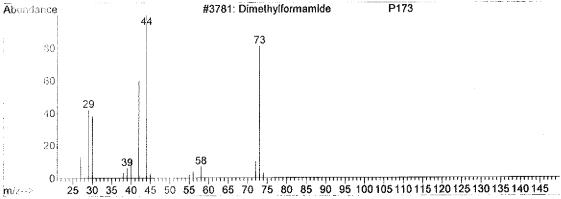
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
7	3.62	C:\Database\PMW_TOX2.L		
		Dimethylformamide	000068-12-2	17
		PCDI precursor (dimethylamine)	000124-40-3	5
		Air with Helium and Water	000000-00-0	1





File Name : K:\09 20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name

Submitted by : AA Vial Number : 38

AcquisitionMeth: WSCREEN.M

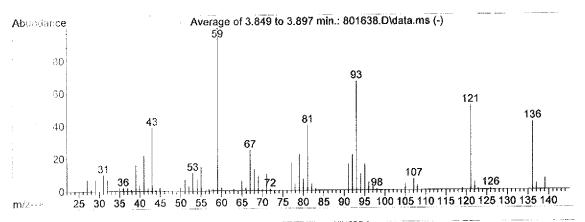
Integrator : RTE

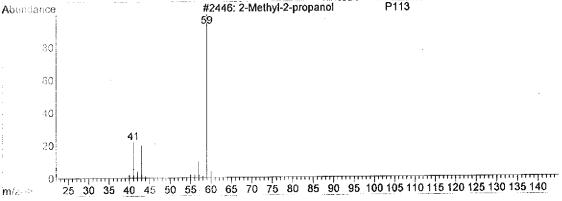
Seasch Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
8	3.87	C:\Database\PMW_TOX2.L 2-Methyl-2-propanol Trimethadion-M (nor-) Diethylether	000075-65-0 000000-00-0 000060-29-7	4 2 1





: K:\09_20_11\801638.D File Name

: NEM Operator

Date Acquired

Sample Name Submitted by KAC 38 Vial Number

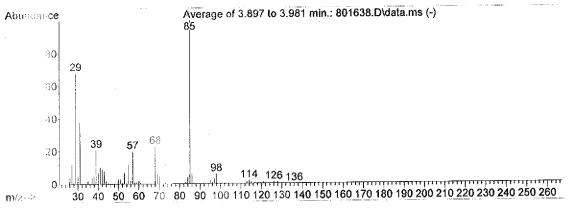
AcquisitionMeth: WSCREEN.M

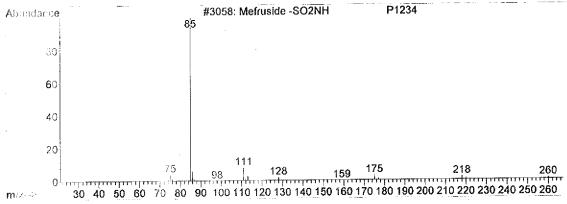
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
9	3.93	C:\Database\PMW_TOX2.L Mefruside -SO2NH Mefruside ME Mefruside 2ME	000000-00-0 000000-00-0 000000-00-0	2 1 1





File Name : K:\09 20 11\801638.D

Operator : NEM

21 Sep 2011 Date Acquired

Sample Name Submitted by KAC Vial Number 38

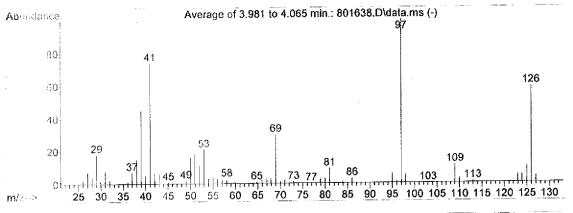
AcquisitionMeth: WSCREEN.M

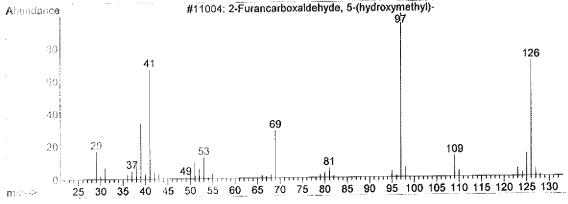
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID CAS#	Qual
3. 0	4.00	C:\Database\NIST08.L 2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0 2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0 1H-Pyrazole, 4,5-dihydro-3-methyl-1 026964-49-8	81 49 37





: K:\09_20_11\801638.D File Name

Operator : NEM

Date Acquired 21 Sep 2011 11:22

Sample Name Submitted by $KA\boldsymbol{C}$ Vial Number 38

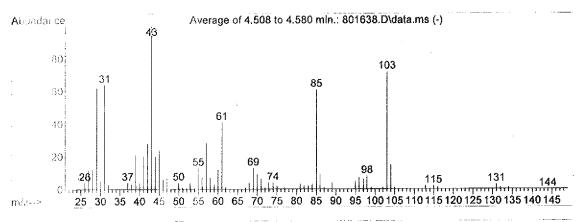
AcquisitionMeth: WSCREEN.M

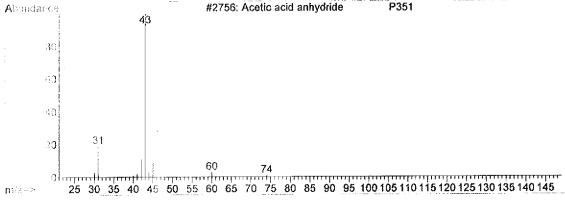
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

()	K#	RT	Library/ID	CAS#	Qual
1.	1	4.54	C:\Database\PMW_TOX2.L Acctic acid anhydride	000108-24-7	9
			Nifenalol artifact	000000-00-0	2
			Mefruside -SO2NH	000000-00-0	2





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name :
Submitted by : KAC
Vial Number : 38

AcquisitionMeth: WSCREEN.M

Integrator : RTE

RT

5.66

PK#

1.2

Search Libraries: C:\Database\SLI.L

Library/ID

Methidathion

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

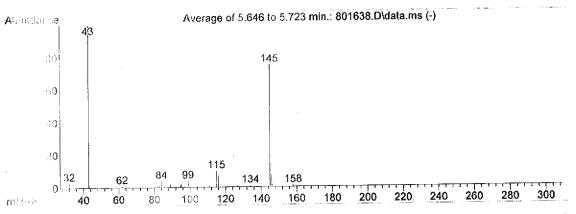
C:\Database\PMW_TOX2.L

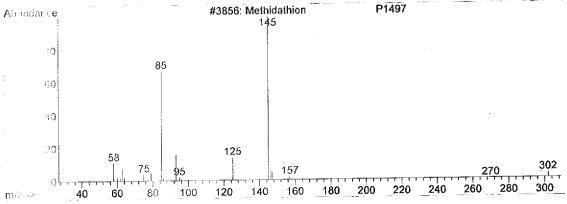
Minimum Quality: 80 Minimum Quality: 80

000950-37-8

1

CAS# Qual





: K:\09 20_11\801638.D File Name

: NEM Operator

21 Sep 2011 Date Acquired

Sample Name Submitted by

KAC

Vial Number 38

: RTE Integrator

AcquisitionMeth: WSCREEN.M

C:\Database\SLI.L

C:\Database\NIST08.L

Minimum Quality: 80 Minimum Quality: 80

Search Libraries:

C:\Database\PMW_TOX2.L

Library/ID RT2K#

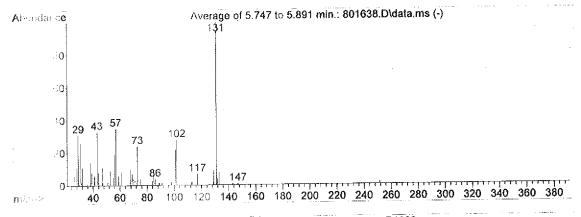
CAS#

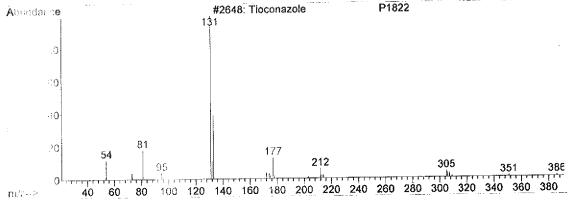
Qual

C:\Database\PMW_TOX2.L 1.3 5,78 Tioconazole

065899-73-2

1





File dame : K:\09_20_11\801638.D

Operator : NEM

Date \cquired : 21 Sep 2011 11:22

Sample Name Submitted by

KAC 38

Vial Number : 38 AcquisitionMeth: WSCREEN.M

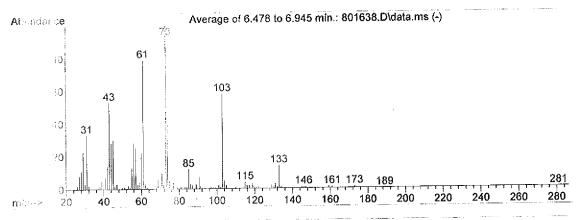
Integrator : RTE

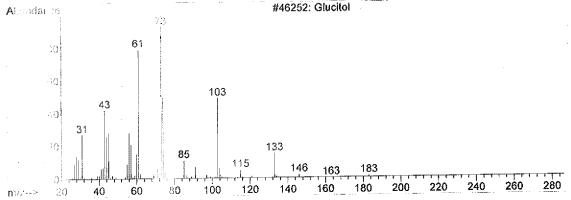
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

·C:\Database\NIST08.L

₽К#	RT	Library/ID	CAS#	Qual
1.4	6.92	C:\Database\NIST08.L Glucitol Sorbitol D-Mannitol	026566-34-7 000050-70-4 000069-65-8	91 90 86





: K:\09_20_11\801638.D File lame

Operator : NEM

21 Sep 2011 11:22 Date Acquired

Sample Name KAC Submitted by Vial Bumber 38

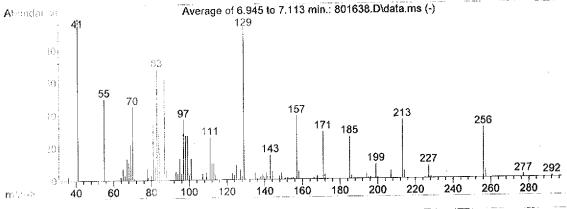
AcquisitionMeth: WSCREEN.M

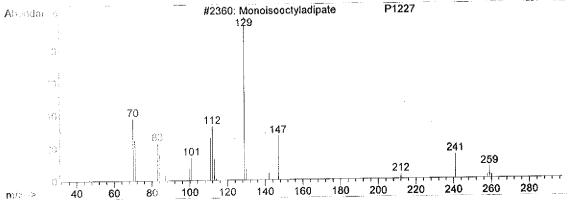
: RTE Integrator

C:\Database\SLI.L Minimum Quality: 80 Searc : Libraries: Minimum Quality: 80

C:\Database\NIST08.L

₽K∦	RT	Library/ID	CAS#	Qual
15	6.96	C:\Database\PMW_TOX2.L Monoisooctyladipate Carbidopa 2MEAC Metronidazole AC	004337-65-9 000000-00-0 000000-00-0	12 7 7





File Name : K:\09_20_11\801638.D

Operator : NEM

Date toquired : 21 Sep 2011 11:22

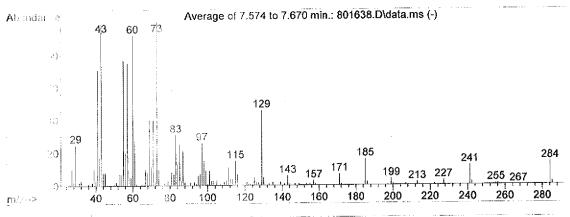
Sampl: Name :
Submirted by : KAC
Vial tumber : 38

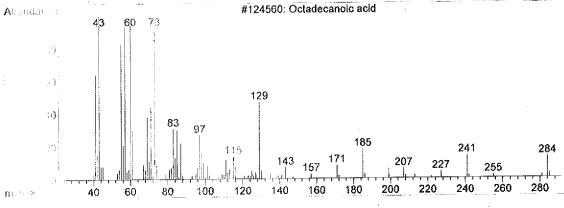
AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
16	7.61	C:\Database\NIST08.L Octadecanoic acid Octadecanoic acid Octadecanoic acid	000057-11-4 000057-11-4 000057-11-4	99 99 96





File Name : K:\09_20_11\801638.D

Opera or : NEM

Date Required : 21 Sep 2011 11:22

Sampla Name

PK#

17

Submitted by : KAC Vial sumber : 38

AcquisitionMeth: WSCREEN.M

Integrator : RTE

RT

9.69

Scarc: Libraries: C:\Database\SLI.L

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80

CAS#

Minimum Quality: 80

HEROIN

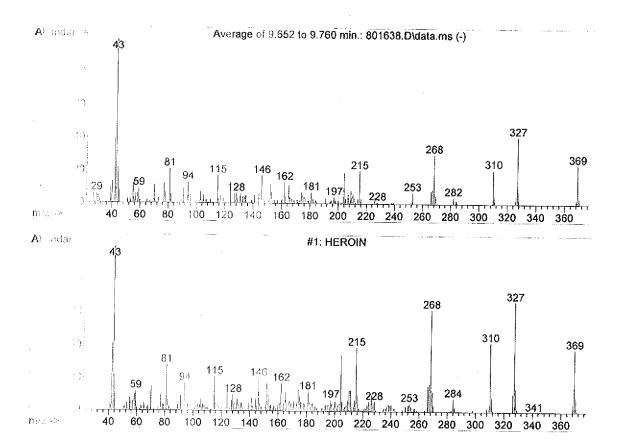
Library/ID

C:\Database\SLI.L

000561-27-3

93

Qual



```
Tafor ation from Data File:
File me
                 : K:\09 20 11\801638.D
                  : NEM
Opera in
                  : 21 Sep 2011
Datte
      --quired
                                   11:22
Sampl Name
Submit med by
                     KAC
Vial number
                     38
Acqui itionMeth: WSCREEN.M
Integ.ator
                  : RTE
                                                           Minimum Quality: 80
Searc : Libraries:
                      C:\Database\SLI.L
                      C:\Database\NIST08.L
                                                           Minimum Quality: 80
                      C:\Database\PMW TOX2.L
  PK#
                                                                CAS#
                                                                             Qual
         RT
                   Library/ID
        10,02
                 C:\Database\NIST08.L
  18
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                   Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                                                                              91
                  Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                                                                              76
                         Average of 9,975 to 10,137 min.: 801638.D\data.ms (-)
Al- indar un
                                                                              327
                            115
                  70
                                                          242
               55
                     82
      31.28
                                                                    286
                                                             256 270
                    80
                                  140
                                                200 220
                                                         240
                                                                  280
           40
                60
                         100
                             120
                                       160
                                          180
                                                                       300
                                                                            320
Al-medan
                #156547: Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5.alpha.)-
                                                                              327
           41
                                                          242
                                                                    286
                                         171 187
                                                                       300 312
                                   147 160
                                                             256 270
                                          180 200
                                                    220 240 260 280
                             120 140 160
           40
               60
                    80
                        100
```

```
Information from Data File:
File Dome
                    : K:\09_20_11\801638.D
                    : NEM
Opera on
Dame cquired
                                        11:22
Sampl: Name
Submitted by
                        KAC
Vial Ember
                        38
Acqui dtionMeth: WSCREEN.M
Integrator
                    : RTE
         Libraries:
                         C:\Database\SLI.L
                                                                   Minimum Quality: 80
Scarc
                                                                   Minimum Quality: 80
                         C:\Database\NIST08.L
                         C:\Database\PMW TOX2.L
                                                                         CAS#
                                                                                        Qual
          RT
   PK#
                     Library/ID
         17.65
                    C:\Database\NIST08.L
                                                                                         99
                     6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                     6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                         99
                            Average of 17.461 to 17.922 min.: 801638.D\data.ms (-)
  - wiso - 4
                                                                         378
      , (
      - 0-
      40
                                                                               410
                   84 101
       <sup>©</sup> 29
           123 144 161 181197 216 237253270 292 310 336 32 394 450 465
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
                                                                                      450467
Abstaclar + #209835; 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-
       Ď.
              55
       . 🤉
                                                                               410
                                                                                   434
       0
                       450467
           40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
```

File Name : K:\09_20_11\801649.D

Operator : NEM

Date Acquired : 21 Sep 2011 17:26

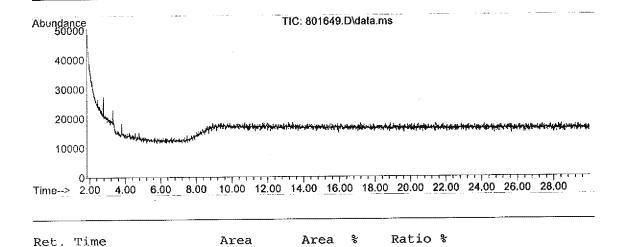
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\09_20_11\801650.D

Operator : NEM

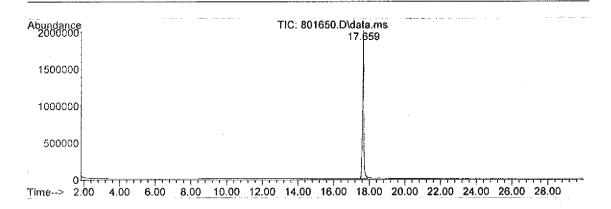
Date Acquired : 21 Sep 2011 18:00 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 35

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	 Ratio %
17.659	9669267	100.00

File Name : K:\09_20_11\801650.D

Operator : NEM

Date Acquired : 21 Sep 2011 18:00 Sample Name : BUPRENORPHINE STD

Submitted by :

DIZA

Vial Number : 35

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

T / h -- - - / T T

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	KT	Library/ID		CAS#	Qual
1	17.66	C:\Database\NIST08.L		A	
		6,14-Ethenomorphinan-7-methanol,			99
		6,14-Ethenomorphinan-7-methanol,	17	052485-79-7	99

6,14-Ethenomorphinan-7-methanol, 17 052485-79-7

